

$$-3 + 19$$

$$-14 - (-6)$$

$$15 + 18$$

$$-22 - 19$$

$$56 - (-55)$$

$$-18 - 33$$

*Multiplying
and
Dividing
Integers*

To multiply and divide integers:

*Multiply or divide
the numbers.*

*Decide the sign:
same signs = positive
different signs = negative*

Examples:

$$1) \quad -9 \cdot 3 = -27$$

$$2) \quad -7 \cdot -4 = 28$$

$$3) \quad \frac{-81}{9} \quad -9$$

$$4) \quad \frac{-100}{-25} \quad 4$$

5. $-7 + -11 = -18$

6. $-9 + 12 = 3$

7. $10 + -13 = -3$

8. $-19 + 21 = 2$

Evaluate the following expressions when $x = 16$, $y = -2$, and $z = -8$.

5) yz

6) $\frac{z}{y}$

7) $\frac{x}{z}$

*Wanna
play
a
game?*



$$1. -5(-6)(2)$$

$$2. \frac{3}{5} \cdot \frac{2}{3} = \frac{6}{15} = \frac{2}{5}$$

$$3. \frac{5^2 \cdot (-4)}{(-10)(2)} = \frac{25 \cdot (-4)}{(-10)(2)} = \frac{-100}{-20} = 5$$

$$4. (-3)^3 = -27$$

$$-3^3 = -$$

$$-3^4 = +$$

$$-3^5 = -$$

$$-3^6 = +$$